From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [16511] *** SIERRA REPORT ***
Message-ID: <3.0.1.32.19970404020812.006de1c0@mailhost.primenet.com>

No progress today other than locating 22uf electrolytics
in the junque box as had an appointment:

1) my Sierra is an "original" NorCal Sierra (not Wilderness)

2) I was not "complaining" about the "missing" parts, just an
 observation in building...

More progress tomorrow (maybe).

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=017 30m=17 17m=0 12m=0 States=12/00/00 DX=02/00/00

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Brian Cieslak <brianc@ams-i.com>
Subject: [16548] 18S ???
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970404144256Z-2611@ams-i-server-1.ams-i.com>

Has any one considered plans to put the 38s on 17M (18.068-18.168 Mhz
hence 18S) yet??

I would be interested in any data...

Brian AE9K

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [16514] 3 New *FREE* Reflectors (Mailing Lists)
Message-ID: <3.0.1.32.19970404022917.006e3b28@mailhost.primenet.com>

QSL.NET has authorized the creation of three new
mailing lists which will be my initial responsibility:

1) Ham-Books (literature and periodicals of amateur radio)
 a) publishers
 b) magazines
 c) newsletters

 d) books
 e) old and "collector" books
 f) new book announcements

2) Ham-Software (software of all types used for amateur radio)
 a) logging
 b) propagation prediction
 c) digital modes
 d) award tracking
 e) commercial/shareware
 f) electronic design and simulation

3) Mobile/Portable
 a) QRP and QRO, HF and VHF+
 b) rigs, antennas, tuners
 c) installation
 e) batteries
 f) generators
 g) camping/RVs/backpacking
 h) laptop/palmtop computers
 i) portable packet
 j) roving and mountain-topping
 k) GPS

These mailing lists are NOT yet ready for use, but at this
time the scope and Frequently Asked Questions (FAQ) are in
preparation.

I WOULD LIKE INPUT ABOUT ABOVE OR OTHER ITEMS THAT SHOULD OR
SHOULD NOT BE SCOPED IN THE CHARTER FOR THE NEW MAILING LISTS

Please send me (ke7gh@primenet.com) any comments or interest
in the above. I will post information about signing up (free)
and the completed FAQs beyond the very rough outline above.

Brian ke7gh@primenet.com >or< http://www.primenet.com/~ke7gh

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [16512] 38S voltages
Message-ID: <1.5.4.32.19970404021601.0067f918@mail.teleport.com>

Hi,
Could someone with a 38S (Tick installed, no rit or 5W) post the U2 and U4
voltages.

I would like to verify my readings since restoring operation to my toasted smoked rig.
I am sure others would like this info as well. Tnx es 73

Steve Miller kg7pv @ teleport.com Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: sassoli@ii1wh10.settimo.italtel.it
Subject: [16531] 900 MHz TX
Message-ID: <9704040653.AA21546@ic8u32.settimo.italtel.it>

Hi to all.

I'd like to know if anyone can help me:

I'm looking for a 900 MHz band transmitter kit giving about 20 dBm (100 mW) output in FM.

In Eurpe this is not a HAM band so I can't find any kit or good project.

I need also info on how to order it or also some internet addresses
of kit manufacturers in the USA that can deliver something like that.

Thanks to all and 73 de Paolo IK2LNH.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Jess Gypin <jgypin@bi.com>
Subject: [16583] A bit of wisdom to ponder
Message-ID: <33456474.2CF8@bi.com>

Found this on the internet at
http://www.sofcom.com.au/IMITSU/imqrp.htm

For the fun of it!

Even unto QRP Radio

(The Gospel according to Bob.)

In the beginning, when God created Amateur Radio on the eighth day,

there dwelt among the people the great
and garrulous tribe of Ham, who took it upon themselves to spread the
Word amongst all the Nations. And,
even though their Powers were circumscribed by the Almighty, they made
much out of little - such was their
diligence and skill in the mysterious Art.

>From time to time they paused from their labours, between schedules, and
looked upon their works, and lo -
they were good! And feelings of great pride and self satisfaction welled
up within them, and tidings of great joy
and good will were keyed out across the firmament through the
insubstantial ether. And the children of Ham
multiplied and prospered in all of the Lands, and great was their Glory.

But then came the vast hordes from the homeland of Yagi in the Far East,
saying "We can mass produce better
gear than this - and turn a good profit at the same time!" - And the
sons of Ham said "Yea verily, these are true
words, and we would have to have rocks in our heads to think that we
could compete in quality or complexity."
And they laid down their pliers and soldering irons, and their keys fell
silent, as they gave themselves up to the
shallow pleasures of high powered SSB. Their rituals became corrupted,
and black clouds of ignorance and
indolence once more enshrouded the Globe. And Darkness fell upon them!

But behold, a small band of True Believers still remained, hidden away
in dilapidated shacks across the World -
and they said unto each other "What's so good about all of this glitzy
gear? Is it not true that all you need is a
bag of gold to get on the air? And is this not a deplorable situation?
And have not standards fallen as a result?
And were not we better satisfied in the old days?" - And lots of other
things along similar lines! And they raised
their whithered bodies in revolt, and spake unto the younger generation,
saying "Get with it ye dreamy clots!
Wherefore grabbest thou not hold of thyself? Behold, this is the way it
is really done! We beseech you - forsake
the false profits like Yaesu and their Icoms! You don't need all of that
paraphernalia to really enjoy yourself!
Keep it simple stupid!" - And stuff like that.

Some of the wiser members of the youthful generation heard the Word, and
took heed of these
admonishments, and thus were they delivered from the hands of the evil
god Consumerism and restored unto
the fold. And they went forth with a renewed gleam in their eye, and

multiplied.

And so it came to pass that the Old was turned back unto the New. The Old Men rejoiced, and pounded their
Brass noisily, and a great and joyful shout went up in all of the Lands, saying "We have never had so much fun in
all our born days!" And the air was filled with the singing sounds of "dahdahditdah ditdahdit ditdahdahdit". And
the great Spirit of Achievement returned to dwell among the people. And all was Sweetness and Light!

Thus had the wheel turned full circle. And it was seen to be good. The lowly powered regained their birthright!
The Supreme Being was mightily pleased. "Did I not tell ye that the meek would inherit the Earth?" He reminded
them, and from His lofty vantage point a beaming smile radiated forth to dispell the QRM!! - And the Brethren of
Morse ascended, to sit once more in their rightful place beside the Throne.

AND THAT'S HOW WE HAVE COME TO THE NEW MOVEMENT
TOWARDS THE USE OF LOW POWERED, HOME CONSTRUCTED, CW RIGS IN
MODERN HAM RADIO - USUALLY REFERED TO AS THE "QRP RADIO" MOVEMENT.

Just for the fun of it!
Best
Jess N0TFI
http://www.concentric.net/~jessqrp

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: N4JS <n4js@amsat.org>
Subject: [16526] Bumblebees
Message-ID: <v03020903af6a2fa75084@[206.106.174.44]>

I just checked, and I am off on July 27th. Would love to take the boat out and work QRP as a bumblebee that day. If you still need another volunteer, sign me up!


John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
http://www.pobox.com/~n4js NJ-QRP #57
QRP-L #884 QRP-ARCI #9328 NE-QRP #507
G-QRP #9544 Norcal #???? QCWA Life Member
WIMPS: Qs=006 30m=6 17m=0 12m=0 States=02/00/00 Countries 05/00/00

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
Subject: [16545] Callsign look up...please.
Message-ID: <19970404140647.AAB12297@GARY>

Could some of you good fellows out there look in your old call books and see when my new callsign no longer appears. I know who it belonged to but don't know how long it has been dormant before I got it.

W2UX

Just tell me the year of your callbook and if it is in there or not. I will tabulate the results and should be able to get a good idea.

Any help appreciated. Thanks.

73/72
Gary - W2UX
CW is the REAL THING!

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Ron Giuntini <rong@slip.net>
Subject: [16525] Cleaning boards
Message-ID: <E0wD0Mi-0003OJ-00@ferret.slip.net>

Is everybody using denatured achohol to clean the finished circuit board? Is this the best way to remove the solder flux and prevent future problems?
 Ron, KB6GK

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ROYGREGSON@aol.com
Subject: [16533] Cleaning boards
Message-ID: <970404030905_-1636244622@emout15.mail.aol.com>

Ron and gang.......Been a long time, but seem to remember that years ago, it was found that using achohol to remove flux was a no-no because an achohol and rosin mixture made a mild acid, and left a stickey residue ! The boards

do look much nicer with the flux removed, but rosin flux is inert and causes no problems if left alone. I understand the PCB assy houses use a water soluable flux, and wash the finished boards in dishwashers with soap and water after flow soldering ! I have found the stuff that Radio Shack sells works good, but is a bit pricey ! Carbon tetrachloride was accepted for mil-spec use too at one time too I beleive.
Maybe someone has more up-to-date data to offer.
72's/73's Roy

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16541] Cleaning boards
Message-ID: <8D541B4.0004001F17.uuout@cheaha.com>

-> Ron and gang.......Been a long time, but seem to remember that years
-> ago, it was found that using achohol to remove flux was a no-no
-> because an achohol and rosin mixture made a mild acid, and left a
-> stickey residue ! The boards

I read somewhere to use the type of alcohol that's used in the doctors office...it's a higher percent alcohol than regular shelf brand. I've never used any cleaner, per se, on any of my (3) kits. What I did do on my 38s was get a small brass-wire brush and scrub the solder-side of the board. It kinda dulls down the "shine" of the solder-joints but it removed most all of the residue on the board. Looking at the side-panel on my Kester "44" rosin-solder it reads "...completely non-corrosive and electrically non-conductive." I don't thing I'll worry about cleaning the boards anymore. One thing scrubbing the bottom of the board showed up was some little air-bubbles in a couple of the solder joints....as I scrubbed the solder must have been very thin over these bubbles because a hole would show up where the bubble was. I reheated and added a dab of solder...things seem fine now. FWIW.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61
 +--+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
 +--+

> Isn't "time" a 4-letter word? <

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [16557] Cleaning boards?
Message-ID: <Pine.OSF.3.94.970404104005.22017B-100000@fly.HiWAAY.net>

Hey Gang,
Is this Isopropyl Alcohol ok for cleaning boards? It is in use in the medical field. At least that is where I see it at. It comes in little packs, called alcohol swabs, already to use, just open, wipe, and dispose of. Is this ok for cleaning boards? Best 72 DE Matt, AE4JM

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
Subject: [16564] cleaning PC Boards
Message-ID: <9704041737.AA21630@krypton.nmr.Hawaii.Edu>

I worked around a small industrial assembly line. We had a vapour degreaser. It was a special vat that contained a mist of a powerful solvent and "lid" that was created by a special airflow, like the laminar flow "doors" on some shopping malls that keep the cool air conditioning in without a physical door. The boards were lowered into the fog with large forceps. If you put your hand in there it came back white! completely stripped of all oils. This thing was a miracle machine. The board went in dry, came out dry, but was visibly wet below the fog line. The solder flux would completely disappear as if by magic. Spoiled us all rotten. We would fix a PC board, run in and dunk it into the degreaser, and there was no evidence at all that a repair had been made.

Now I am back to isopropyl alcohol. Rubbing alcohol from a drug store is OK, but the isopropyl alcohol "for injection" is better. It is 95% or 99% instead of the 70% that rubbing alcohol tends to be. Methanol, wood alcohol, is a bit more likely to attack plastics and parts and more poisonous. Acetone and relatives like nail polish remover, will instantly deface many plastics. For our cleanup, we use pure isopropyl alcohol routinely, with a bit of scrubbing from a Q-tip swab. This assumes classic rosin core solder, not some nightmare new hygroscopic fancy stuff. Carbon TetraChloride is a

BAD ACTOR and should not be messed with. I know, in the old days
we used to bathe in the stuff, but we know better now. Benzene is
another chemical that should be avoided. Methyl Ethyl Ketone is a
relative of acetone that is a bit less likely to attack plastics and
common in many "dry cleaning" type solvents. DiChloroMethane has
replaced Chloroform and Carbon Tet as a slighly more health friendly
solvent, but it is quite strong and will attack a number of things you
do not want dissolved. In the organic liquid category, Isopropyl
alcohol is the winner for effectiveness, safety to self and safety
to parts.

PC boards can be rather rugged. When doing research with old
datalogging recorders on the beach in the salt spray with salt
physically encrusting some of the PC boards, I would pull all the
boards out, throw them in the sink, scrub them up like dirty dishes,
rinse them off with isopropyl alcohol, hang them on an improvised
"clothes line" to dry, all with only beneficial results.
A few people were surprised to see me working up a good lather with
a soft brush on a sink full of PC boards, but it kept those poor old
dataloggers online for months. Of course you have to be careful around
parts that are not sealed like some relays and switches, but I have
recovered electronics that have been hideously abused when it was
essential to try to save them.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ericvia@why.net (Eric Via)
Subject: [16556] Copying outter Space QRP
Message-ID: <v01520d1d71568a5b4423@[207.211.121.70]>

I copied a message yesterday on 40M - I don't know
if it has anything to do with the strange static-attacks I
get or not...

But after copying this QRP guy I have found myself in
Walmart buying a new pair of sneakers, and also a large
purple square cloth.

Instead of trying for more QRP contacts at night, I find
myself sitting outside in the dark looking towards the
Hale-Bopp Comet - I think there's something behind it...
something big....something that is calling to me and to
all other QRP operators to come aboard....

72 Eric "Rocket-Man" Via AD4SS

Father, Husband, Writer, Ham Op (AD4SS) QRP CW, Beer-maker,
Mercedes-Benz owner & lover, Spelunker, South Carolinian, Mac-head,
Libertarian, Dreamer, Ex-Navy, Weimaraner fan, Pro-Choice,
Pro-Right-To-Bear-Arms, Pro-Voluntary-Euthanasia, Anti-Internet-
Censorship.
 My Page: http://www.why.net/users/ericvia/pershome.html
 My Mercedes Benz page: http://www.why.net/users/ericvia/ericmb.html
 Subscribe to ELECTRIC BACON ezine (free) - ask for details!
 --------oOo--------
EARTH FIRST! We'll stripmine the other planets later.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
Subject: [16507] CQC CONTEST
Message-ID: <33445576.3A0C@swbell.net>

Have the contest results been posted anywhere?
K1OJ
HOUSTON,TX
QRP-L 732
..

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16569] CQC Contest Results
Message-ID: <199704041809.LAA03370@lynx.csn.net>

On reflection, I suspect OJ may have been asking about the CQC Winter
QSO party results, and not the results of the CQC True Field Day.

However, my reply would probably be pretty much the same, except that
in the QSO party there were no cash prizes, and I don't think any
CQC officers won anything. I'm sure the results have been posted on
the Hale Bop Companion Server and will turn up elsewhere at some time
in the future or perhaps the past. Seriously, we DO hope to have
them in the next Low Down, for which the deadline has already passed.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16570] CQC Web Site Update
Message-ID: <199704041811.LAA03623@lynx.csn.net>

New links have been added to the CQC home page, including but by no means limited to a "must see:" Pinky and the Brain. Well, I had to do *something* while waiting for the member list and swap list updates.

Surf to http://www.mtechnologies.com/mthome and look for the CQC logo near the bottom of the page.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [16587] Dan's
Message-ID: <199704042052.NAA03711@mailrelay2.sni.net>

All my dealings have been fine, without complaint.

The Web page is a big improvement over the Xerox flyers.

72, Bob KI0G

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997

From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [16549] Dan's Small Parts
Message-ID: <01IHAVKIAGAU8WYLFG@tntech.edu>

>Hi John...just a word of caution. Dan's Small Parts or whatever else
>he calls it has been unresponsive to the Hams right here in Montana...
>let alone from out of state. We even sent a delegation to his last few
>addresses in Missoula and found nothing. So...most of us here avoid
>dealing with him.
>
>I think I'd consider long and hard about this guy...he seems to never
>stay in one place very long. It's a shame...as it would be really nice
>to have a parts dealer right here, but after doing some research on
>him....it's up to you. But, I think I'll pass.
>
>Caveat Emptor
>
>Doug, K7YD
>Livingston, MT

Just a note. I have ordered a number of times from Dan's. I have always
received what I ordered in a timely manner. I admit some of the kits I have
purchased may not have had top quality boards or parts, but I really
didn't expect it for what I paid.

Just saying this to be fair.. have no idea who Dan really is, but
have no problems in the past dealing with him.

Just my experience

72
Jeff, AC4HF

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: PDouglas12@aol.com
Subject: [16580] Dan's Small Parts
Message-ID: <970404151157_311363450@emout11.mail.aol.com>

Guys,

Dan went out of business for about a year, two years ago due to personal
problems that are not relevant here. At that time, to my knowledge, he
returned every dime of money for unfilled orders. My own dealings with him
include the purchase of one kit and at least three parts orders. The parts
look, smell and function exactly like the parts that come from anywhere else,

and I have yet to get a dud active device from him. And the orders were promptly filled too. And the kit worked too. So, while some folks may have been inconvenienced by his unscheduled closure, Dan was able to resume his business because his reputation was good and the general perception at the time was that he had "done right" by the folks. I expect to continue to do business with him.

I have no connection with Dan's and pay retail!

Preston WJ2V

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [16584] Dan's Small Parts
Message-ID: <199704042032.UAA01018@chuck.dallas.sgi.com>

Gang,

1. QRP-L is just a mailer, not a defined organization or club. No rules (other than orderly discussions or an attempt at orderly discussions related to QRP activities) and no officers and no dues.

 Thus, please don't say that QRP-L said.

2. In defense of Dan's Small Parts, I have been ordering parts and kits from Dan for many many years and have not had a problem at any time. Sometimes some delay beyond the control of Dan, but he has managed to come through everytime. Some of the kits are going away, so those that waited are gonna be crying pretty soon.

Now to go and blast Dan's Small Parts just because you can't run over to his house and pick something up is a little much. IMHO. Give the guy a break, please. He only does mail order and does provide a lot of stuff that you can't get anywhere else and certainly at good prices.

So, for the record QRP-L as a group has not singled out Dan for any reason, only one individual posting to this group in many many years has chosen to do so without substantial data that I can see to warrant such a treatment. Dan did discontinue business for a period of time and then came back. There were some out of line postings to this group at the time

as to why and of no concern to any of us, so don't bring it
up again, please.

So, the topic is closed as far as I and I am sure many others
are hopefully concerned. We had a large number of atta-boys posted
for Dan, so I think many can see that the community at large doesn't
seem to be having any difficulty at this time or even in the past.

Remember people. You as an individual are legally libel
for anything that you post in public, so be very very careful.
Some of the lawyers on the group can voice some points of law
on this topic I'm sure. To post something that has a financial
impact or reflects on one's character are topics that should
be avoided in this day and age and hopefully on this group too.

Besides that remember that some member or members will most likely
print off your posting and fax or email them to the party or
parties involved if they are not a part of this group.
That is a given. Behind the scenes I get calls and I get email
about this stuff going on. You wouldn't believe.........

I live in fear that someday someone is gonna come along and
cause someone to close us down as a group. It could happen.
Any group that talks about UFOs, badgers, finger nail polish,
and using toothbrushes for purposes other than brushing teeth
has gotta be suspect in a lotta other organizations. :-)

So be careful out there gang.

FYI es dit dit de #1
Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
WIMPS: Qs=006 30m=3 17m=3 12m=0 States=03/03/00 DX=00/00/00 QSLs=000

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: john andrews <jm165723@eee.org>
Subject: [16578] Dan's Small Parts.......
Message-ID: <334552C4.2954@eee.org>

Hi All:

I have nothing but good to say about Dan. His dealings have been
fair and fast(Unlike mine- Which tends to be "what did I do with
that? :-)).

I've even supplied a few rare items to him. He tested and certified

they were, indeed, good. Prime, new, parts are hard to come by.

Thank goodness Dan is there!

72, John- N5INZ/6

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: k7sz@juno.com (Rich H Arland)
Subject: [16518] Dave Fifield where are you?
Message-ID: <19970404.032307.6559.4.K7SZ@juno.com>

David:

Lost my Juno software package....again (about the 5th time!) and it took out the address book and all the mssgs I'd saved in file folders. This means I lost your e-mail address. Please send me an e-mail so I can capture your address.

I set up this new account: K7SZ@juno.com in place of my old k7yha@juno.com.....

Hopefully the new software I loaded is not as fragile as the old version.

The FT-301 came in FB. Just worked two K6's on 20 meters...got a 59 rpt from both of them....good comments on the audio (using the Heil HC-4 mic element in a boom mic/headphone arrangement).

73 rich K7SZ

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Norm Melick <henmel@worldnet.att.net>
Subject: [16517] Dead 38S
Message-ID: <33447346.5143@worldnet.att.net>

Well, I didn't do so good on my 38S.

The board looks great, unfortunately, when I turned it on, not one peep out of it. Deader than a door nail. IC's are luke warm. Nothing gets hot. So pops, smells, etc.

I spent all day taking all the voltage measurements and studying the schematic, but I am getting blurried eyed. If someone would be willing to help me along, I would appreciate it.

I do have all the voltage measurements for the IC's and diodes, but rather than take up the band width here, I'll wait until I get some comments.

Thanks alot,

Norm Melick/KF6HSK

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [16576] DX, QRO ops aren't all bad, and QRP rules!
Message-ID: <19970404.111233.10222.2.gsurrency@juno.com>

Ok, last night I worked Dusty, ZL2VS on 20m using the OHR100. He gave me a RST 519, so he must be a good listener! I was using 5w and a sloping dipole at 20 ft on one end, 6 feet on the other. The 20m band was reeeaallly weird!

I made me think of the early 70's when we would have SIDs (Sudden Ionospheric Disturbance) and the band would go dead like you just cut your coax in two! It would take minutes to hours for signals to slowly recover, and just before the SID, the bands would be DYNOMITE! (sic) It was very weird stuff. I used to wonder if all that X-radiation was frying our brains! Mutated badgers, for sure. Is that what happened to Nils? I know some of you remember this if you were hamming then.

I then heard WC0K, Mike, in Houston. He was 599++++, and running an Alpha 871 and Icom IC756. He sounded like was across the street! I called him with my puny 5w, and he promptly gave me a 599 also. Note, I had not told him I was QRP yet. He didn't seem to mine, but he was getting tired and went QRT for bed. We had a nice chat. He said I had a real nice signal and clean keying.

Then JA3ZP, Yos, called Mike. He didn't answer, so I answered back. Yos sent QRZ? a couple of times, and finally got my call, name, and QTH correct. I explained that Mike had gone QRT 'cuz he was tired. Yos said he would QSL via the Bureau, so we signed and I smiled. :-)

So it was an interesting evening. All of this occurred around 0230-0310 UTC. The 20m band seemed a little strange, both long skip and short skip was present. There wasn't much of the noise that usually comes up as the band starts to close, so maybe the solar event and corona ejection was a factor, I don't know. Earlier in the day, WWV had reported a solar flux of 81, K factor of 6, and est. A index of 1.

Who says you need a kilowatt to work some DX? Why, I even got a respectable RST report from someone running a kilowatt +! With a crummy low dipole! Why, if I had a decent antenna, who knows would happen? It probably wouldn't be as much fun, tho'. I wondered what the kilowatt station thought when I said I was running QRP at 5w?!!!! And he had spent all that moola on his powerhouse station. Heck.

Hey! When is 15m gonna wake up? I can't wait for ol' Sol to get freckeled again!

See you on the bands.....Can't wait 'til tonight to see what's in store!

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, OHR100 20m, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Lawrence T. Owens" <w4dec@dibbs.net>
Subject: [16529] First 38S heard
Message-ID: <3344A181.7435@dibbs.net>

Hi Gang:

Heard and worked Brian K7ON at 0240Z he had nice signal hr in Mobile Al.

He was on 10.114 rst 559 then QSB. Brian the 38s sounds great. Hr was using Argosy
525D at 5 Watts out antenna 160 meter inverted "VEE".

Be look for all those 38 s out there.

73 Larry (W4DEC/QRP) E=Mail <w4dec@dibbs.net>

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [16547] For Sale OHR Classic
Message-ID: <1.5.4.32.19970404144950.006a23f0@adsnet.com>

Oak Hills Research CL2040 dual-band xcvr. Factory aligned by OHR includes accessory keyer (Curtis). Has jack for connection of DD-1 digital dial. $185 UPS PPD CONUS for rig & keyer or $235 with DD-1. Not interested in selling DD-1 alone.

Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

219-873-2848 days
219-874-5051 evenings & weekend

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [16521] FS: Multi-Mode TNC & Goodies
Message-ID: <19970403.222429.4615.2.wb2vuo@juno.com>

Got a lead on another QRP rig, and need to sell the "Backup" packet station.

I have the following:

AEA PK-232, Multi-Mode TNC
Icom IC-229A, 25 watt 2 M rig
Wyse WY-30 "Smart Terminal"

The PK-232 is NOT the MBX version, and will do both VHF and HF packet (with
an HF rig, of course), CW, AMTOR, ASCII and RTTY, but doesn't have PACTOR or G-TOR. I have a VHF cable already made up for the IC-229A.

The IC-229A is a 1/5/10/25 watt 2 Meter rig, with extended RX including AM
Aircraft. The TT mike is included, and has an autodialer included

The Wyse terminal has a 13" monitor, and the function keys are programmable. There is a Serial printer port on it, too.

This package will allow you to run packet without tying up the computer (and the TNC will work with a computer, too...)

Asking $345 for the package, and I need to sell it as a package so I can get the other QRP rig I am looking at.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP

Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239
WIMPS: Q's=003 30m=2 17m=1 12m=0 States=02/00/00 DX= 00/01/00

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Richard Sherman <srichard@aldus.northnet.org>
Subject: [16599] FSFM aka 50/40/30: Report de WZ2T
Message-ID: <3.0.1.32.19970404183648.006f035c@aldus.northnet.org>

Hi Folks,
I guess I was a bit optimistic before I started as I printed out enough log sheets to handle 100 QSO's. Didn't quite make it. I ended up with 26 QSO's in all. Nine on 30m and 17 on 40m. I worked 4 stations on both bands. Things were so slow on 30m that I tried to carry on brief conversations with some of the stations, just to pass the time. W4VZB told me he was going to be buying a QRP rig when he goes to Dayton, so be watching for a new one among us.
This list and the other operating events do help copying of weak signals. My last contact for the night was with AB7TK. At first all I got was a 7, after a dididumdumdidi, I got 7TK. I guessed and sent AB7TK? and my report. Randy came back, still weak, but more copiable with my report. A recognizable callsign is worth 6dB or more, all the more reason to be on the air and operating.
Since I had been sending CQ QRP WAS all night long, my last call for the night was CQ QRP IS de WZ2T GE. I was getting a bit goofy by then as it had been a long day.

Station Description:
Rig: Kenwood TS-940s at 5 watts
Antenna: 80/40 Trap dipole up about 50 feet
MFJ Tuner and Keyer
Vibroplex Brass Racer Paddles
OHR SCAF Filter - Have I mentioned before I love this thing? If you don't have one, get one during OHR's current sale. You won't be sorry, my Radio Shack DSP isn't even used anymore.
I would be interested in hearing from the people I worked with info on rig, antenna, etc. via private email.
Anyway, here's the log, I will answer all direct QSL's via US Mail, no need to send SASE. I'll wait about a month or so and answer the rest via the USA QSL Buro.

30 Meters 10.117 to 10.118 MHz

Time	Call	Snt	SPC	Name	Pwr	Rcvd	
0003Z	N9TA	579	IN	Fred	8w	579	
0012z	N4ROA	559	VA	Dan	5w	559	
0020z	W4VZB	559	GA	Stan	150W	579	he's a convert, buying QRP rig soon
0039z	K4WZ	559	GA	Ron	5W	569	
0056z	KR0I	229	MO	Mac	5W	339	
0109z	AA4EX	579	KY	Frank	5w	579	
0123z	N0UVR	559	CO	Dave	5W	449	
0149z	KQ0I	559	IA	Mark	5w	449	
0155z	WB0CLD	559	MO	Bill	5W	559	

40 Meters 7.0417 to 7.0418 MHz

0205z	N4ROA	579	VA	Dan	5w	559	
0210z	KR0I	579	MO	Mac	5W	239	
0212z	K0FRP	599	CO	Al	5w	339	
0215z	K4WZ	599	GA	Ron	5w	579	
0221z	K4GT	229	GA	Jim	3w	339	
0227z	KS4HQ	599	NC	Bob	5w	599	
0232	N7CQR	559	OR	Dan	5W	339	
0241z	N4PAC	599	NC	Ben	140W	579	
0248z	KC4WHM	229	FL	Ed	5W	259	
0253z	AB5UA	559	OK	Clif	5w	339	
0258z	AA4EX	599	KY	Frank	2w	579	
0303z	KV7X	559	WA	Jay	5w	559	
0312z	WR4A	559	AL	Herb	4w	559	
0332z	W7CNL	559	ID	Jack	5w	559	
0336z	KI7MN	559	AZ	Bob	5w	549	
0340z	N9TMU	599	IL	Clay	100W	569	
0350z	AB7TK	229	ID	Randy	2w	339	

And fun was had by all, except during those long dry spells :-) No badgers were harmed during the 4 hours of operation :-)
Let's do this again sometime. CU in QRP ARCI TST es QRPTTF.

72 de Rick WZ2T Duane, NY Franklin County 100 miles due south of Montreal, P.Q.
srichard@northnet.org
WIMPS
30M WAS 9/7/0 DX 0/0/0 17M WAS 0/0/0 DX 0/0/0 12M WAS 0/0/0 DX 0/0/0

On the other hand, you have different fingers.
---Steven Wright---

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>

Subject: [16537] FSFM RESULTS-sri
Message-ID: <Pine.GSO.3.95.970404062949.2730A-100000@conciliator.acsu.buffalo.edu>

Hi Gang,

I just could not stick it out for very long with my nasty cold. To add to the troubles, the QRN was at record high levels here. I worked exactly ONE station on 30M, none on 40M. I tried 40M for about 35 minutes but got no replies.

3-APR-97 J85M 0020UTC 10.119 569 5W

Well, at leasst the one guy I worked was QRP!

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: n4js@amsat.org
Subject: [16544] Good DX
Message-ID: <XFMail.970404064734.n4js@amsat.org>

OK, I take it back. Got home from work and checked out 30M. Worked VK6FOC with my trusty QRP+ at 4W. Got a 579 report! Maybe the bands aren't that bad.....

Hey, I guess that qualifies for 1000M/watt, doesn't it?

Sent at 06:47:33 on 04-Apr-97


```
 _  _  _ _       _  ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | |  _ | |/ __|  n4js@n4js.ampr.org  NJ Grid:FM29LN
| .` ||_  _|| || |\__ \       http://www.pobox.com/~n4js
|_|\_|  |_|  \__/ |___/  NJ-QRP #57  QRP-L #884  QRP-ARCI #9328
NE-QRP #507 G-QRP #9544  NorCal  QCWA  FISTS #2781
WIMPS Qs=007 30m=7 17m=0 12m=0 States=02/00/00 Countries=06/00/00
```


From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: David Adams <adamsclan@netgate.net>
Subject: [16532] Ham Desktop theme?
Message-ID: <3344B465.A3D@netgate.net>

Anyone have any win95 desktop themes?

Dave

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [16540] Japanese transistor manuals
Message-ID: <v02130501af6a660d2270@[152.15.144.13]>

MCM Electronics stocks 4 volumes of Japanese semiconductor manuals. While
the text is in Japanese, the charts and specs are in English characters,
ie. hfe, ceo, cbo, etc. No problem at all understanding them.

81-450 Transistor Specification Manual 358 pages
81-1205 Transistor Substitution Manual 275 pages
81-1235 Diode Specification Manual 429 pages
81-1240 FET Specification Manual 383 pages
They are $19.95 each and well worth every penny.

MCM Electronics 1-800-543-4330

My previous job here at the university required my doing component level
repair of computer terminals and monitors many times without schematics.
I ordered all 4 and they are invaluable for anyone needing specs for
Japanese semiconductors or just trying to figure what they are.

I'm not connected with MCM in any way other than just a satisfied customer.

Rick Robinson kf4ar
Dept. of Psychology
UNC at Charlotte

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ka7you@juno.com
Subject: [16592] ka7you@juno.com: SPICE Files for IC's
Message-ID: <19970404.140613.8039.0.KA7YOU@juno.com>

I need to appologize for not mentioning that I've already checked the
National Semiconductor pages, and they don't supply a SPICE file for it
either.
Sorry for the BW.
7 3,
Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

--------- Begin forwarded message ----------
From: ka7you@juno.com
Subject: SPICE Files for IC's
From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16597] Longmont Ham Fest
Message-ID: <199704042150.OAA24123@lynx.csn.net>

The Longmont ARC presents LARCFEST '97 tomorrow, April 5th, 1997.
It's at the Boulder County Fairgrounds, Nelson & Hover Rds, Longmont,
CO. Talk-in on 147.27+

Doors open at 8:00 am and admission is $4.00 per adult, children 12
and under free. There will be food, cash door prizes, and VE exams.

Milestone Technologies, Inc. and Colorado QRP Club will be there,
hope you can be too!

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: wager@juno.com (James W. Cates)
Subject: [16550] Mail to ki6ds (Doug)
Message-ID: <19970404.070650.4014.5.wager@juno.com>

Doug will be in Kansas for a week. His father is having open heart
surgery. He will answer all mail when he returns. This will explain
the delay for those waiting replies to recent messages to him,

The decision to do this surgery was sudden and unexpected.

jim, WA6GER.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [16574] MARSHALL
Message-ID: <Pine.SUN.3.91.970404113256.2790B-100000@kitsune.swcp.com>

HI Marshall! I lost your email address and wanted to thank you for the GDO info. It has the info on the coils, so Im ready to wind! THX AGN! 72, Tom WB5QYT

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [16536] MD Swapmeet
Message-ID: <199704040948.JAA29896@chuck.dallas.sgi.com>

Gang,

Sorry for the bandwidth, but I need a quick
response by tomorrow morning and I know this
group is in the know.

Leaving early Saturday for Washington National
(BWI was booked solid for some reason, or so
the travel agency says) and get there around 1pm.

Will I be able to make the MD swapmeet? Sunday
a good day to go? Directions from the airport
so that I don't get lost. No GPS, no handheld, ...
Do I need snowshoes?

dit dit es tnx
Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
WIMPS: Qs=006 30m=3 17m=3 12m=0 States=03/03/00 DX=00/00/00 QSLs=000

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16554] micronaut
Message-ID: <199704041627.JAA23013@lynx.csn.net>

Anybody have availability info for the micronauts?
73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: n4so@juno.com (charles k brown)
Subject: [16586] Micronaut info
Message-ID: <19970404.143134.4431.0.n4so@juno.com>

In April / May of 1996 CQ Mag.
and CQ Magazine, "QRP: Red Hot and Cookin' March 1997, by Dave Ingram
page 74 and 75.
Pictures, diagram, and order info.

Ken Brown, N4SO
QTH nr Mobile, AL
qrp #622
n4so@juno.com

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [16509] Minnesota QRP Society meeting.
Message-ID: <199704040132.TAA12168@Spacestar.Net>

CLUB MEETING AND OPERATING EVENT!

Visitors welcome!

The Minnesota QRP Society meets this Saturday April 5th at a special location, the Pavek Museum of Broadcasting in St. Louis Park, MN. This is not far from the Edina Library meeting location so travel time will be about the same. The Museum address is 3515 Raleigh Ave. So. Take Hwy 100 to the 36th street exit in St. Louis Park. Go east on 36th, it's not far from the Hwy 100 overpass. Raleigh is one block past the back of the Target Store, turn north (left) 1/2 block. There's a Tribander on a tower.

If the weather isn't bad we will be setting up equipment and operating from the parking lot. Come about 12:00, the 'official' meeting will be at 2:00pm. Bring rigs, antennas, folding tables and chairs to setup operating positions. But bring what you want to check out and what you may be willing to let the club use for Field Day.

If the weather is bad, we will meet inside at 2:00pm and tour the Museum.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org

Ask me about the Minnesota QRP Society!
http://www.spacestar.net/users/aplitech/mnqrp/

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Goemans <jgoemans@facstaff.wisc.edu>
Subject: [16593] more on "Dan's"
Message-ID: <199704042133.PAA51320@audumla.students.wisc.edu>

Gang,

 No problems here with Dan's either... When he is in business, he has been fast and fair to deal with.

OBQRP, my 38s will be on the air this afternoon!

72, Paul

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ericvia@why.net (Eric Via)
Subject: [16555] My Static Puzzle Question
Message-ID: <v01520d0c71567b4dbab4@[207.211.121.117]>

Folks,

 One thing I have discovered about this list is that when you post a question - you GET ANSWERS - with a vengence!
THANKS!

 Another nice thing is you get a variety of answers, so you can look at a problem from a lot of different angles. (My neck is sore)

 THANKS wonderful fellow Ham Radio Operators for your assistance with my staticky (is that a real word?!) problem!

 What most of you said was STREET LAMPS being the culprit - and tonight I'm gonna play Sherlock Holmes!

Have a fine day...hope it's better than the TONS of rain
we're getting today in/near Dallas!

72 Eric AD4SS
Wylie, TX
ericvia@why.net

Father, Husband, Writer, Ham Op (AD4SS) QRP CW, Beer-maker,
Mercedes-Benz owner & lover, Spelunker, South Carolinian, Mac-head,
Libertarian, Dreamer, Ex-Navy, Weimaraner fan, Pro-Choice,
Pro-Right-To-Bear-Arms, Pro-Voluntary-Euthanasia, Anti-Internet-
Censorship.
 My Page: http://www.why.net/users/ericvia/pershome.html
 My Mercedes Benz page: http://www.why.net/users/ericvia/ericmb.html
 Subscribe to ELECTRIC BACON ezine (free) - ask for details!
 --------oOo--------
EARTH FIRST! We'll stripmine the other planets later.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>
Subject: [16565] Noise Bridge vs. SWR meter
Message-ID: <9704041742.AA23409@tlcnet.muohio.edu>

Hi gang,

I am back with an observation and another source of wonderment.

If I set my antenna coupler for minimum SWR (Drake MN75) I use a
certain setting to effect this. If I use my antenna noise bridge
set for X = 0 R = 50 ohms, I get a slightly different setting on
the MN75. Could it be the output impedance of the xmitter is
slightly different from 50 ohms? It leads me to wonder which
tune-up procedure to use. I seem to trust the noise bridge
setting as I get out like I am running 100 watts. If I can hear
them, I can work them. Just curious. Us qrpers need to pursue
all electrical phenomena and explore all possibilities because we
refuse to make up for slop with power.

de vic ad8k . .

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ERSchley@aol.com
Subject: [16530] Not QRP, but...
Message-ID: <970404002410_-1771360259@emout16.mail.aol.com>

Hey Guys;
 Does anyone on the list have an old callbook with the callsign N4LP in it? Any book from the 1980s or late '70s should have the listing, I would think.
 N4LP is my callsign now, but I'm curious as to the identity of the fellow (or gal) who used to have it before me. If you have a 1980s callbook and can e-mail me the info, I should would appreciate it. E-mail me direct please, so we don't use up qrp-l bandwidth. Thanks, N4LP (ERSchley@aol.com)

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Al Hunter <ahunter@inland.net>
Subject: [16552] NW30 Construction
Message-ID: <3.0.1.32.19970404074952.006add8c@inland.net>

I sat there looking at the new NW30 kit from Roy at Emtech, including a beatiful case and his audio filter. Could I really build this thing? Let's see...what did I have to work with....

1.-An old Millen GDO.
2.-An NC38S xcvr
3.-An analog VOM
4.-My trusty Weller WP-40 soldering iron (plugged into a Dremel speed controller).
5.-Radio Shack solder sucker and various sizes of solder wick
6.-A 30 meter resonant dipole mounted in the rain gutter.
7.-St.Louis tuner
8.-An old Triplett 200uA meter.

My first challenge was winding the vfo toroid. Winding 48 turns of #34 wire on a T37-7 core is indeed a challenge. Roy tells me that he is changing this to a larger core and larger wire. Anyhow, halfway thru winding, I broke the wire. An e-mail to Roy and he had some wire to me the next day. This kit can be built in stages, checking each stage before going on to the next. Not having a frequency counter, I went out of sequence and finished the vfo and the receiver sections. Roy has a built-in tester of sorts which really came in very handy. It allows you to connect a sensitive meter and check out the various stages as you go along (I used the 200uA meter for this). I checked for shorts and did some resistance measurements with the VOM. Everything seemed OK...so I connected the antenna, 12 volts and a

small speaker and turned the juice on. No smoke. Signals started popping in before I tweaked the tuned circuits (I used the meter for this). The receiver is really hot.

I finished the rest of the kit and everything seemed to check OK, so I mounted it in the case. This is when I had a few problems....I was getting some spurious oscillations on receive which seemed to emanate from the MC1350 IF amplifier. Hmmm...it wasn't doing this when it wasn't in the case. Ground loop???? or ????. Took it out of the case, and sat there looking and thinking. Hmmm...the case is also painted on the inside. I'm not getting good ground connections....so I removed the paint from the case where all the jacks, pots ,etc. are connected....reassembled the unit and voila!!!! everything was fine. I used Roy's excellent intructions and the handy built-in tester to tweak the xmit section. Not having a frequency counter, I did have a little trouble setting the xmit frequency on the proper sideband. So I finished the audio filter and using that with the 38S, got it close enough. Listened around and heard a W7 calling CQ. Called and he came right back with a 559. He assisted me by using his receiver and I further tweaked the xmit freq control and got the offset right on.

I should do a separate report on the audio filter, but for now I can say that it really pulls sigs out of the mud and works with other xcvrs too. I'm thinking of one for the 38S.

There are a few suggestions or changes that I made. I threw away the tin-plated IC sockets and used Augat machined gold plated pin sockets. I also did not use the wire dial pointer. BTW....not having a watt-meter (see, I told you, I didn't have an electronics laboratory), I used the 38S to listen to the quality of the xmit signal....and I backed off on the power output control 'til it sounded clean in the 38S and then asked during other QSO's for critical reports.

This is a real fun rig to build, and I would highly recommend it to anyone who has limited test equipment. Of course, those items would really help. BTW, the usual disclaimers, I have no connection with EMTECH - just a very satisfied customer.

I've used a lot of bandwidth here, but if anyone would like further info, please e-mail and I will respond directly.

Al - AA6SO

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)

Subject: [16535] OHR DD-1 Measurements
Message-ID: <199704040940.JAA29865@chuck.dallas.sgi.com>

The question was asked, so in a spare moment I fired up the Tektronix Type 191 Constant Amplitude Signal Generator and fed RF into the direct input to the OHR DD-1.

Here are the frequency limits for a pure sine wave input with voltage peak-to-peak values and the upper frequency limit where the DD-1 display started to 'jitter'. I didn't get the measurements down to nearest 0.5KHz on this, so don't make or break this on these figures alone, but they are pretty good and in the ballpark:

Input [V p-p]	Frequency at which jitter starts
100mV	22.0 MHz
150mV	31.0 MHz
200mV	34.0 MHz
250mV	36.0 MHz
300mV	38.5 MHz
500mV	47.0 MHz
1.0V	58.0 MHz
1.5V	62.0 MHz
2.0V	64.0 MHz

On page 10 of the assembly manual Dick Witzke notes the input should be in the range of 75mV to 1V RMS and up to 50MHz.

I use this puppy on the OHR-100 for 40M and it works very nicely, although I'm not one that has to have the frequency down to the last 100 Hz. I write it down in the log book to 1KHz and that is enough. An hour later after a QSO, noone cares anymore.

This unit assembled using Kester 63/37 solder cleaned with lukewarm water. :-) Can you get CCL4 anymore? That stuff is nasty, real nasty. Lost a friend in 1984 who used to clean computer PC boards in a poorly ventilated area and to this day I still believe the reason he got Luekemia was due to this stuff. We used to use this stuff

in High School biology to terminate critters for
our required insect collection. One of the few
headaches that I have ever had in my life I got
from this stuff.

OK, I'm back to the super pixie writeup and work.
Film at 11.

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
123456789 123456789 123456789 123456789 123456789 123456789 123456789
WIMPS: Qs=005 30m=3 17m=2 12m=0 States=03/02/00 DX=00/00/00 QSLs=000

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Bill Acito 04-Apr-1997 0919 <acito@asdg.ENET.dec.com>
Subject: [16546] Preliminary results: KC1 on a 38S
Message-ID: <9704041424.AA08345@us1rmc.bb.dec.com>

> With some help from Wayne, I've been able to interface a
> Wilderness KC1 to the 38S. I chose not to install the TiCK keyer
> on my 38s.
>
> I was able to get the KC1 to work by using a 47pf cap
> for the VFO cap, and replacing the gain resistor (3.3K) in the
> VFO signal pre-amp with a 1K for a little more gain. My
> vfo tap is a single 22 ga. wire about 5 inches long, and it goes
> to pin 7 of the VXO 602. I haven't checked the counter against my
> good HF rig yet, so my counter set-up so far is O3A000 (direct
> read, no offset).
>
> I've connected the audio to the input of the AF/filter stage
> (point 'A' on Ori's schematic, I believe) through a 470K resistor.
> and the .01 bypass cap.
>
> Since the sidetone of the rig is used for tuning, I'll probably
> leave it alone and disable the sidetone on the KC1. I haven't
> done anything with the mute, and it doesn't appear to be an
> issue, despite the fact that the KC1 runs at 4MHZ and the 38S
> uses a 12MHz in it's mixer.
>
> b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
Subject: [16508] QRP-ARCI SPRING QSO PARTY RULES
Message-ID: <3344560F.2BD9@swbell.net>

Howdy from Texas!
Where can I find the rules for the upcomming contest? I can't find them
on the ARCI web page.
CU---OJ---K1OJ
HOUSTON,TX
QRP-L 732
..

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16591] Rainbow Kits: More info
Message-ID: <199704042209.PAA25972@lynx.csn.net>

This is the same info that is on the web page:
http://www.mtechnologies.com/mthome

RAINBOW KITS Now available from
Milestone Technologies

We are now distributing a limited range of the well-known
kits from Electronic Rainbow. Please note that our minimum
order on credit card purchases is $10.00. Brief descriptions
and pricing follow:

Learn to send Morse code!

Build this easy little kit and learn to send Morse
code! Easy to build kit is complete with all parts,

schematic, enclosure and key. Morse Code chart is included. Power requirement 9v battery. SIZE: 2.5" x 3" x 1.5"

COD-K1 Code practice oscillator WITH ENCLOSURE AND MORSE KEY. $24.95

OSC-1 Code practice oscillator, board kit only. $6.95

Voltage Monitor

Check battery status at a glance! You can build this kit to monitor 5, 8, or 12V DC power supplies (optional parts supplied) and you can set the LEDs to indicate .25, .5, or 1V steps. SIZE: 1.3" x 2.7". Current usage depends on the voltage and the number of LEDs lit (typical 80mA at 12V) but you can easily add a pushbutton swicth on the input-- push and check!

VM-1 DC 5,8,or12V voltage monitor board kit. $7.95

VM-110 AC line voltage monitor board kit $10.95

Similar to the VM-1, the VM-110 unit reads your AC line voltage. Build both for your shack and check both at a glance!

Flashing LEDs!

These are just great for a "simulated burglar alarm" and to dress up kids' toys, and probably other uses we haven't thought of. The LEDs flash alternately. Tthe MB-2 kit includes two yellow, two red, and two green LEDs so you can choose your own "style;" while the RB-2 contains two larger (5mm) red LEDs. And at this price, you need two!

Power requirement 9 to 12v DC. SIZE: .75" x 1"

MB-2 3mm flashing LEDs board kit, choose colors. $3.95

RB-2 5mm flashing red LEDs board kit. $3.95

Nail that fox with this VHF/UHF Radio Direction Finder!

This is the "SEARCHER," a direction finder with antenna for any UHF/VHF Amateur Radio or Scanner. Great for fox hunting, finding hidden transmitters that are raising havoc with your repeater ... Look out FOX! The "Searcher" connects to your radio through the antenna jack. Tune your radio to the frequency of the transmitter you are trying to locate and you'll hear a tone and the transmit modulation at the same time. When the tone nulls (becomes silent), you're pointing the Searcher at the transmitter! To further check your progress the S-meter on the radio will show an increase in signal strength. The "Searcher" has an audio tone control and comes with a case to house the electronics, 4 antenna elements, and all the parts to construct a VERTICAL DI-POLE array on a 24" boom. Everything you need except the 9v battery!

SDF-1 VHF/UHF direction finder kit (complete) $44.95

Don't lie to me!

Check the truth of those claimed contest stores and DX fairy tales with this simple skin-resistance lie detector kit! This kit can be great fun at parties. Lie and an audible tone will change, the more you lie the louder the tone. When you lie, your hands sweat, and this kit allows you to measure the change in your skin resistance. A very slight amount of change will cause the tone to increase in frequency. Power requirement 6 to 12v DC. SIZE: .8" x 1.2" CAUTION! Evidence obtained with this unit will not be recognized in a court of law.

LD-1 Skin resistance lie-detector board kit. $9.95

Turn your shack into a disco!

Or keep those pesky aircraft away from your tower, with this strobe light kit. Use it as an emergency light for your auto, radio or tower, use it for phtographic stop-motion work, or use it on your bicycle. The ST-1 has a variable flash rate, and the power requirement is 6 to 12v DC. SIZE: 3.5" x 1.9"

ST-1 Strobe light board kit. $11.95

Shipping/Handling: $3.00 First Class Mail, $5.00 Priority Mail,
per ORDER.

Orders: Send check or money order to
Milestone Technologies, Inc.
3140 S. Peoria St. Unit K-156
Aurora, CO 80014
(303) 752-3382

Credit card orders (Visa, MC, Disc, Amex): 800-238-8205 toll free.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: tahrens1@juno.com
Subject: [16527] Rare ones
Message-ID: <19970403.222129.4903.2.tahrens1@juno.com>

Just worked KI6PR on 30 meters.. nice QSO, then
went down to 40 & heard somebody calling cq.

Called him, and had a nice 30 minute chat.

88 yrs old, ham for 73.. W4BW, Prose Walker!

cuall

Tim W5FN

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Bill Acito 04-Apr-1997 0951 <acito@asdg.ENET.dec.com>
Subject: [16551] REPOST: 38S Variable Power Mod, with important note!
Message-ID: <9704041451.AA10624@us1rmc.bb.dec.com>

The W5VBO Variable power mod, with one or two small
corrections/additions [noted in brackets].

b

To: qrp-l@Lehigh.EDU
From: Brian Kassel <bkassel@dancris.com>
Subject: NC38s:(Long) ScQRPion Variable TX PWR Mod

Here is the way that I did a variable TX power modification the my NC38S It only applies to those rigs which have undergone the high power mod; that is, the IRF510/511 has been added.

What it does:

This mod allows the TX power to be completely variable from milliwatts up to full output. The maximum power desired point can also be set.

How it does it:

The mod consists of adding a pot in such a way that a variable D.C. voltage, or bias, is added to the gate of the final FET. By varying the pot, the D.C. voltage at the gate can be varied from almost 0V (lowest power out) up to about 5.5 volts or so (highest power out).

The parts required are:

1.) 1 ea. 50K pot
2.) 1 ea. 22K 1/4w resistor

[[or

1.) 1 ea 100K linear pot
2.) 1 ea. 47k 1/4w resistor

IMPORTANT: The R should be 1/2 the max pot value.]]

3.) A .1 UF capacitor at C-101, if you removed it per the Paul Harden Mod.
4.) Oh yea, some wire too to hook up the pot.

Macro instructions for the knowledgeable/impatient:

The mod only requires the addition of a 25K to about 100K pot. For this mod, the taper probably doesn't matter very much. I used a 50K, linear taper unit. One end of the pot goes to

ground, one end goes to the cathode of D-7 via an added 22k 1/4 resistor. This resistor sets the highest available TX power out when the pot is set for maximum. The center goes to the junction of R-102 and C-102. This junction provides a +8 VDC when the key is down (R-). This voltage is varied with the pot, and supplied as the bias to the FET at the junction of R-102 and C-102. You must remove R-103 also, which frees up the circuit for the mod.

Doing the mod, step by step :

1.) Replace C-101 (wire) with the capacitor that you may have removed per the Paul Harden Mod. Or use a new one if you killed the little beastie on the way out.

2.) Remove R-103, we will use the holes left by the removal of the part to connect the new potentiometer.

3.) Solder one end of the 22K resistor to one end of the pot.

4.) Solder a wire to the other end of the resistor, and run it to the cathode or banded side of D-7. CAREFULLY solder the wire.

5.) Run a wire from the other end of the pot, to TOP hole, where R-102 used to be. This hole should be ground. Solder both ends of the wire. 6.) Run a wire from the center of the pot to the BOTTOM hole, where R-102 used to be. This is the connection to the junction of R-102 and C-102. Solder both ends.

[[6.) Optional: a 6v or even 5.2 volt zenor diode can be put across the outer leads of the pot to make sure the voltage never exceeds the Vgs limit of the FET.]]

Smoke Trapping measures:

1.) Double check everything.
2.) See above

FINI:

With the rig turned on and keyed, measure the DC. voltage at the junction of C-102 and R-102. As you turn the pot, the voltage should vary from about 0 to about 5.7 volts. If you get maximum volts when the pot is CCW rather than CW, just reverse the connections at both ends of the pot. If you find that at the maximum setting of the pot you have too much output power, then make the 22K resistor larger. If you find that at maximum setting you don't get enough output then, oh heck, you know what

to do, right?

We already know that some of the final FET's are hotter than
others, so of course your mileage may vary, as they say in Texas.

Credits.

The original idea for this mod came from the almost-famous
Dan Tayloe at our last ScQRPion get together.
I just kind'a worked out the physical details.

There are of course other methods out there I am sure on how
to accomplish the same end. This is simply the way that I
wound up doing mine.
**
* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
* QRP-L #404 - ARCI #3623 *
**

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Howard Z Weinstein" <Howard.Z.Weinstein@lmco.com>
Subject: [16566] Re[2]: Dan's "Centennial" transciever
Message-ID: <04B5B33453D729C9*/c=us/admd=telemail/prmd=mmc/o=den/ou=ccmail/
s=Weinstein/g=Howard/i=Z/@MHS>

Greetings Doug and QRP-Lers
I have NEVER HAD ANY problems with Dan's Small Parts. I take offense
at this posting and recommend that you be extremely careful as to what
you say in this public forum!
Howard K3HW

_____ Reply Separator _____
Subject: Re: Dan's "Centennial" transciever
Author: doug@sunrise.alpinet.net at MAILHUB-SMTP
From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [16594] Second Reminder for the APRIL SPARTAN SPRINT
Message-ID: <199704042258.RAA34471@nss2.CC.Lehigh.EDU>

The April Spartan Sprint will be held on April 7 (which is our standard date--the first monday of the month). Because April is a transition month, we'll operate on three bands--80, 40 and 20. DON'T WORRY IF YOUR STATION IS A BIT TUBBY. WE COMMEND THE WINNERS IN TWO CATEGORIES--POINTS, AND POINTS PER POUND.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.

2. The frequencies will be 3560+- kHz, 7040+- kHz and 14,060+- kHz. (You may operate one, two or three bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.
>
4. If you choose to call CQ, use the format "CQ SP".

5. You can take credit for working the same station on a second or third band.

6. To encourage QRPers to discover that there is life outside 40 meters, we'll give double points for contacts on 80 and 20 meters.

After the contest, send Russ Carpenter, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Russ by Tuesday night, he will include your data in the contest results, which will be published on Thursday on the ARS web site and the QRP-L. Russ' email address is russ@natworld.com.

As an alternative, you can use our new automated Spartan Sprint report at the ARS web site. Just fill in a few boxes, click the "submit" button, and you're done! You can get directly to the report page with this URL: http://www.natworld.com/ars/events/spartan/submit_spartan.html. Or you can take a more leisurely (and rewarding) stroll through the ARS site by going to the home page at http://www.natworld.com/ars.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.
<P>
ARS provides handsome certificates to the operators who achieve the top two scores in points, and points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@juno.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager
russ@natworld.com

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16513] Sources for 10-turn potentiometers...
Message-ID: <8D53485.0004001ED4.uuout@cheaha.com>

Home from work and digging the part numbers up for the various 10-turn pots.

Mouser Electronics
958 North Main Street
Mansfield, TX 76063-4827

Voice: 800-346-6873 USA, Canada, and Puerto Rico
Voice: 817-483-5712 DX Countries es local
Fax: 817-483-0931
Email: sales@mouser.com

http://www.mouser.com

No minimum order in USA, Canada, and Mexico
Minimum Export order is $100 per shipment.

Specifications: 7/8" TEN TURN PRECISION WIREWOUND.
Power rating is 3.09 watts @ 40 C derated to zero watts @ 125 degrees C.
Tolerance: +/-5%
Linearity: +/-0.25%
Temp Coefficient: +/-20ppm/C degrees
Temp Range: -55 degree C to + 125 degrees C

In the cross-reference in the catalog the following are cross referenced to the "Spectrol 534" which is what I'm using. There's also cross references to "Bourns 3540" and "BI Technologies 7286 "series of pots. Interesting, I also have a 50 ohm 10-turn but it's not listed in the Mouser catalog.)

Stock No. (Metal Shafts)
594-53411102 1k $13.48
594-53411502 5k $13.48
594-53411103 10k $13.48
594-53411104 100k $17.08

These pots are also available with a plastic shaft $11.04, excluding the 100k pot which is $14.11.

Mouser also carries turns-counting dials for these.

Digi Key also has some pots, though a couple of dollars higher than Mouser. They are Clarostats.

Installation in the 40a: I simply clipped the leads on the OE 10k pot, then desoldered the remaining legs. These pots are wire-lead, which means they won't give any support for the front panel. Without the support the panel still seems plenty solid with the other controls anchoring it. The pots outer shaft on mine was a tad too big for the pre-drilled hole in the 40a. I used a cone-shaped grind-stone on the end of a drill to grind slightly from both sides. Grind at a slow/medium speed (wear eye protection) for short periods of time. Be careful and take your time. Grind from both sides until you think the hole is just about big enough....it doesn't take long so don't over do it and end up making the hole overly big. Drilling from both sides has produced a bevel on each side creating a raised edge on the inside of the hole. Use a small file or whatever and grind this down smooth. Sucker will slide right in without a lot of fuss.

Thought I'd pass this on, usual disclamers, not responsible for
errors<g>, no that isn't my dog, etc.,....

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama
Crenshaw County - Grid EM61
 +---+
----------+ Norcal 40a es Straight Key es Wire-wrapped Trees +----------
 +---+

 > Isn't "time" a 4-letter word? <

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: ka7you@juno.com
Subject: [16588] SPICE Files for IC's
Message-ID: <19970404.123505.8031.0.KA7YOU@juno.com>

I'm working on a circuit using an LM 3914 linear IC bargraph driver. I
would like to find a SPICE file for this IC. Does anyone have an idea
where to look?
 My CircuitMaker software soes not support this chip.
 7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Boliver Allmon <71173.1572@compuserve.com>
Subject: [16567] Suggestions for first kit?
Message-ID: <970404174626_71173.1572_DHB68-1@CompuServe.COM>

I am currently a No-Code, but have told myself that I will be a Tech+ (at least)
by the fall. Can anyone recommend a first kit? Price is of some consideration.
I have some experience with an Iron, but not much.

Thanks,

Boliver Allmon

KC5PCS
71173.1572@compuserve.com

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: John Fletcher <johnf@innotts.co.uk>
Subject: [16582] SWR Meter Adjustment (Longish)
Message-ID: <199704042024.VAA00714@carlton.innotts.co.uk>

O Wise Ones,

I'm in need of advice on recalibrating an SWR meter. It's a Daiwa cross-needle one about 15 years old. The forward scale is calibrated 0 to 20 W and the reverse scale is 0 to 4 W. Inside is a screened box with holes allowing adjustment of two trimming capacitors. Orange and green wires go from this box to a PCB with preset resistors to adjust the forward and reverse readings. Connection is made via two SO239 sockets on the back, marked Ant and Tx.

Here's what I've done; did I get it right?

I connected a 50 Ohm dummy load/Wattmeter to the Ant socket and my TS530S to the Tx socket. With 20W out I adjusted the forward sensitivity pot to give 20W on the forward scale, and one of the trimcaps (the one which had a effect) to give a zero reading on the reflected scale. Then I turned the power down to 4W, reversed the connections to the Tx and Ant sockets, adjusted the reflected sensitivity to give 4W on the reflected scale and the other trimcap to give a zero reading on the forward scale. I assumed that the trimcaps are used to set the input and output impedances to 50 Ohms.

The reason why I want to recalibrate it is that, years ago, I fixed it when it wasn't broke. The meter was also available in a switchable 20W/ 200W version. I took the case off mine to find the PCB had holes for a switch and some extra components, so I added these. How I chose the values, I don't know. Anyway, it didn't work properly after that. Now I want to use it again and right the wrongs of years ago, or perhaps even make it switchable from 20W to 2W - that would be the honourable thing to do. Is my reasoning correct or have I messed it up further?

An inquiring mind needs to know.

72 de John G4EDX

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [16505] Ten Tec Argonaut 515 and [audio] CW filters
Message-ID: <1667.860113454@safety.ics.uci.edu>

I once used the MFJ audio filter at the low level audio i/o
jack in my 509, it worked OK but took a little attenuation to
get it just right.

I want to mention the possibility of sticking in the extra
IF filter in the IF line. It looks quite simple, and I am
about to do it on my 515. First, I plan to stick in a simple
extra 8 pole SSB fitler in the line. Once that is working OK,
I plan to add a switch, maybe put it all in an outboard box,
and add a 500 Hz filter to it. Then let the QRM try to intrude.

The IF filter mods have appeared in several publications for
the Argonaut 509 and 515. The last one I saw was QQ April '87.

I heartily recommend the Ten Tec add on filter also, got one
myself and it is well done.

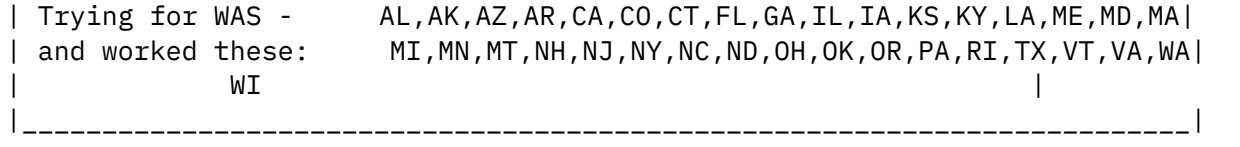
Clark
WA3JPG

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [16585] ten-tec mod 207
Message-ID: <199704042033.PAA25071@bbs.mpcs.com>

hi all. i am looking for a ten-tec model 207 ammeter to go with my model 251
power supply. ten-rec discontinued these a few years ago...

your help would be very much appreciated...
Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com



K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [16515] TiCK-2 Memory keyer etc.
Message-ID: <19970403.215256.8991.1.WB8YGG@juno.com>

Hello folks,

We are now producing the TiCK-2 , memory version of the TiCK.
The TiCK-1 is the worlds smallest Iambic keyer,
and now the TiCK-2 will be the worlds smallest memory /Iambic Keyer.

It's pin for pin compatible with the TiCK -1. (8 pin dip/or soic).

It will be available just before Dayton, as we're in testing now.
The TiCK-2 will have all the same features as the TiCK-1
but will also include a 20 character programmable message string.

 Price on the TiCK-2 will be $10 ppd Continental USA.
For other pricing please visit our web page.

Also, we're in the process of constructing:
==========
The Beginners Surface Mount Kit.
==========
The kit will include the TiCK-1 or -2 keyer in the 8 pin SOIC
package and include a sot-23 transistor,
a 1206 resistor, an 805 cap, (sot-23, 1206, and 805 are Surface mount
packages).

We just put together a few prototypes, and are getting boards now.
Pricing is yet TBD, but this will be an intro to surface mount
construction for all, sampling the different packages, and giving
the builder a low risk chance to try surface mount out, and have a
full functional TiCK keyer afterwards.

73 Everybody, and have a great week!
Brad WB8YGG & Gary N2JGU
Embedded Research

http://www.vivanet.com/~gmdsr

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: EBikales@aol.com
Subject: [16534] Trippin' out...
Message-ID: <970404033042_-901023523@emout17.mail.aol.com>

Hello,
 Im a musician and will be touring in England, Northern Ireland and Wales for about a month starting May 11. I plan to bring my MFJ 9020 and probably the Isotron antenna. Last time I made this trip, I had the time of my life operating from a different QTH practically every day or two. I recall only one hotel I just couldn't operate from. And, 90% of the time my antenna was on the roof. Ive got lots of good stories about getting antennas up and, Ive been on some of the finest roofs in Europe! Working into the US from Britain is tough with QRP, but challenging and fun. Would any of you like to explore the idea of a sked? Is this "blind optimism"? Or, are there any kindred spirits out there who would like to trade war stories? Eric AC6NT
 #1070

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [16560] Updated Announcement for THE BUMBLEBEES
Message-ID: <199704041727.MAA92060@nss2.CC.Lehigh.EDU>

This is a repost and amendment of yesterday's announcement for The =
Flight of the Bumblebees. When we looked at the web version of =
yesterday's announcement, something had gone wrong with the text. =
Hopefully, this version will work correctly. We have changed the text =
slightly, to reflect the fact that we now have a full roster of =
Bumblebees.

Adventure Radio Society is pleased to announce The Flight of the =
Bumblebees, to be held on Sunday, July 27. The Bumblebees are hams =
who have walked, biked or boated to their operating sites. We have a =
roster of 35 Bumblebees in all parts of the country, from Hawaii to =
Vermont. We are hoping to attract a sizable group of hams operating =
from their homes, chasing these little rascals.

The spiritual foundation of The Flight of the Bumblebees is a certain =
foxy contest invented by Chuck Adams. We would like to express our =
appreciation to him for his creativity and hard work for all of us =
who love QRP.

Here are the rules for this uncommonly entertaining event:

1. This is a four hour event, running from 10:00 PDT/11:00 MDT/12:00 = CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours = of operation accommodate all four time zones. No matter where you = live, there is time to for the Bumblebees to travel to their sites, = set up their stations, operate the contest, and travel back to their = cars.

2. Both home-based and portable operations are encouraged. Those who = walk, bike or boat to their sites are Bumblebees and sign /BB. The = distance travelled to the site is at the Bumblebee=B9s discretion.

3. Maximum power is five watts. We operate CW on 40, 20, 15 and 10 = meters, on the standard QRP frequencies. We want this to be a = national contest, so we encourage long-range contacts by giving = double points for 20, 15 and 10 meters. 40 meter contacts will = receive one point. The same station can be worked on different bands = for additional QSO points and multipliers.

4. Contacts with bumblebees generate a 3X multiplier. So your score = equals QSO points times (number of bumblebees times three). Here is = an example. If you make 20 contacts on 40 meters and 30 contacts on = the higher bands, and make a total of 25 Bumblebee contacts, your = score is (20+60) X (25 X 3), or 6,000.

5. The exchange is RST, state/province/country, and your first name.

6. Separate but equal prizes are awarded to the home-based and = Bumblebee winners.

7. Participants may submit paper logs, with a two week deadline. Or = participants may choose to use the ARS automated contest reporting = system on the ARS web site. Results are posted during the third week = of August on the QRP-L, the ARS web site, and the ARS membership = emailing system. For those who send us SASEs, we mail a paper copy of = the results.

8. Russ Carpenter, AA7QU, is the Contest Manager. Mail paper logs to = him at 47227 Goodpasture Road, Vida, OR 97488. You can reach Russ in = the following ways:

- By mail, at the foregoing address
- By phone, at (541) 896-0263
- By fax, at (541) 896-0310
- By email, at russ@natworld.com
- By the automated email system located within the ARS web site at = http://www.natworld.com/ars.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [16561] Updated Roster for THE BUMBLEBEES
Message-ID: <199704041727.MAA87730@nss2.CC.Lehigh.EDU>

Here is the updated roster for the Bumblebees. Thanks to all of you for your enthusiastic response!

Now, we need to stir up a lot of interest in chasing those who've given their souls to Bumblebeedom. Remember, separate but equal prizes are awarded to home-based operators. MARK SUNDAY AFTERNOON, JULY 27, ON YOUR CALENDARS.

Lorraine	Aubert	AC6XK	1
Cam	Hartford	N6GA	2
Russ	Carpenter	AA7QU	3
Bill	Jones	KD7S	4
Bob	Cutter	KIOG	5
John	Evans	N3QOO	6
Randy	Foltz	AB7TK	7
Jeff	McDowell	N0WCF	8
Chuck	Adams	K5FO	9
Jim	Robertson	K7KBD	10
Don	Bullard	WA5IML	11
Dave	Perry	N0IBT	12
Dan	Presley	N7CQR	13
John	Cumming	VE3JC	14
Dean	Marzocca	N2TNN	15
Richard	Fisher	KI6SN	16
Dave	Benson	NN1G	17
Joe	Gervais	AB7TT	18
Richard	Arland	K7YHA	19
Walt	Windish	KB2JE	20
Richard	Overmeyer	KF6CTA	21
Kent	Torell	AB7OA	22
Rick	Tavan	N6XI	23
Brad	Bradfield	WB0CGH	24
Wayne	Burdick	N6KR	25
Seab	Lyon	AA1MY	26
Jack	Bryant	W5TFB	27
Mike	Burger	AH7R	28
Bob	Edwards	W4ED	29
Doc	Lindsey	K0EVZ	30
Mark	Adams	N2VPK	31
Dan	Wolfe	N4ROA	32

John Raventhorne KD6TS 33
Bruce Muscolino W6TOY 34
David Varnes W7AQK 35

Russ Carpenter, AA7QU
Contest Manager for Adventure Radio Society

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [16520] Wanted: Argo 12 Mtr Module
Message-ID: <19970403.222429.4615.1.wb2vuo@juno.com>

This is probably a poor time to ask, especially seeing that WIMPS has started, but does anyone have a 12 Meter module for the Argo/Scout that they don't use? If so, would you consider parting with it?

I know that Ten Tec has them, but I would prefer to "recycle" one from someone on the List. Who knows? I might even have something to swap for one.

Drop me a line if you do...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239
WIMPS: Q's=003 30m=2 17m=1 12m=0 States=02/00/00 DX= 00/01/00

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: DCrespy@aol.com
Subject: [16506] wattmeter--Gear Request: Shrunken WM-2
Message-ID: <970403200135_-1872042106@emout09.mail.aol.com>

Joe

As I understand it the OHR wattmeter is a kit version of a design that appeared in QST (feb 90).. the board is available from FAR for $4.85.. It is EASY to build and align (mine has been terrific.. has all the features of the OHR version and I built it for 20 or 30 bucks). You could build it for

a small meter, small box. the only critical dimension is the width.. input to output connector spacing is 4 inches. Let me know if you want a copy of the article.

72
Harry KG5LO
Saline MI

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: n4so@juno.com (charles k brown)
Subject: [16600] WQ4RP Expedition
Message-ID: <19970404.174210.4431.1.n4so@juno.com>

NOW WORKING/CALLING 10.116 AT 2345Z
SIGNALS ARE CURRENTLY S-2 WITH NOISE.

Ken Brown, N4SO
QTH nr Mobile, AL
qrp #622
n4so@juno.com

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Subject: [16516] WTB: Autek QF-1a
Message-ID: <199704040300.WAA10057@aus-e.mp.campus.mci.net>

Looking for a nice clean qf1a to help with my qrp adventures
on 40m this summer.
tnx... rich

--
Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH Web - www.qsl.net/ka8okh
qrp-l #933 ars #223 amsat #11900

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: n0acs@juno.com (John R. Morris)
Subject: [16510] XTAL GROUP BUY OFFICIAL

Message-ID: <19970403.192619.5471.6.N0ACS@juno.com>

Hi Gang,
I've received enough orders to make the QRP-L group buy official.
I will begin processing the orders within the next few days. Orders will be numbered as checks are received.......I will also notify everyone that has reserved a pack(s) that it's a go. Please make check out to: PHOENIX CRYSTALS, and forward to address below.

This offer will continue to run through all April so if you want to order more, or have friends that would like to order, let me know.

One more note for our DX friends...I welcome your orders but must charge extra postage. I'm a small, one man business that's just trying to fill the void which was left by CW Crystals closing.

Thank all of you for your interest and support.

73
John R. Morris, N0ACS
e-mail: n0acs@juno.com
PHOENIX CRYSTALS
1714 North Ash St.
Nevada, MO 64772

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: JAlexan706@aol.com
Subject: [16524] Yet another 38s lives.
Message-ID: <970403225842_2081133241@emout18.mail.aol.com>

Hello,

 Well I got my 38s in the mail Monday afternoon and did not get to work on it until
Tuesday night after work, well it rx's don't know about tx yet. I'm going to a friends to put it on a scope. I can not wait until it is up and running. Right now just listen to the CW. This is a great little rig, it has great audio(I think). I will need some help on hooking up the scope, could some one tell me how to hook this up on a scope. I have never used a scope before(new to this). Right now the 38s is lying on the work
bench in a ceral bowl with wires hanging out the sides. It looks very wild and it is working. I don't care what it looks like,it is rxing.

 I would like to Thank Jim and the rest of the people at Norcal for the great little rig.
They did a great job,very very good job guys.

Hope to work some of you on the air after i get it aligned,hope I get it done by the weekend. See on the bands.

73
KB0PTE
Wayne
QRP-L # 1058

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
Subject: [16595] Re: 18S ???
Message-ID: <dzSXVAAhRWRzEw81@stevef.demon.co.uk>

In article <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970404144256Z-2611@ams-i-server-1.ams-i.com>, Brian Cieslak <brianc@ams-i.com> writes
>Has any one considered plans to put the 38s on 17M (18.068-18.168 Mhz
>hence 18S) yet??
>
>I would be interested in any data...
>
>Brian AE9K
>
Me too.
--
Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Doug <doug@sunrise.alpinet.net>
Subject: [16522] Re: 38S works!
Message-ID: <334479B0.16A2@alpinet.net>

Hi Jeremy...sounds like you're off and running with your 38S. I've got mine in the construction stage and was wondering....which coil did you take a turn off of on T1...the 19T or the 2T? I figured it's easier to make the change now than have to pull it down after I get on the air.

Thanks

Doug, K7YD
Livinsgton, MT

Jeremy Cowgar wrote:
>
> Last night I took my 38s outputting about 330mw and made my first QSO.
> WB0RXF in South Dakota. I'm over here in Ohio, so that's about 900 miles!
> My signal report was not too good, but I had a QSO!
>
> All went together fairly easy. Before I hit the power switch, I checked in
> a few places to make sure of no shorts, looked over the board for bad
> solder joints, bridges, etc. and found nothing wrong. Fired it up, and
> nothing from the speaker. Hum, key'd one of my other rigs and got a loud
> tone but no static, no other stations, nothing.
>
> Looking around, Opps! I forgot R20 (I think that was the one) in the audio
> stage. Slaped that thing in yesterday morning, and alive it came. Now, lets
> see what happens when I key the thing. Wow, I got something coming out! Not
> pretty, but something. I simply tuned VR2 and with a little sensitive
> changes, I got a nice clean sinewave at about 330mw.
>
> Later I took a turn off of T1, and it is now more sensitive, and I do have
> two peaks, but one is very faint. I think I will take another off today and
> see what happens.
>
> Then yesterday afternoon I herd WB0RXF calling CQ, and I replyed WB0RXF
> WB0RXF de KB8LFA/AG KB8LFA/AG ... Waited a few seconds, KB8LFA/AG DE WB0RXF
> BT ... Yippey!
>
> Now for the 5w mod... I am not going to do the TiCK mod. I have paddles
> that have a top cover on them, and I installed the TiCK circuit board
> inside of my paddles, added a RCA output, found room to mount a 9V battery,
> and a Radio Shack PIEZO inside of my paddles, and now I have a tick keyer
> for all my rigs that remembers where I put it because the 9v battery is
> always connected...
>
> Still waiting to hear what is the correct way to fix the thump, or whatever
> thump I have. Version 1.0, 1.1, or maybe ever 1.2!
>
> Thanks for the help from everyone,
>
> Jeremy Cowgar - KB8LFA
> KB8LFA@qsl.net

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [16538] Re: Cleaning boards
Message-ID: <199704041147.FAA08846@Spacestar.Net>

Ron and all,

I don't know if this is good practice or not, but I've been cleaning PC boards with GC's "JIF-ACTION" contact cleaner for many years with no ill effects. I spray some on, scrub with an old toothbrush and pat dry with a soft cloth. Leaves a bit of silicone behind which seems to protect the copper traces as well.

FWIW, hope this helps.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org
Ask me about the Minnesota QRP Society!
http://www.spacestar.net/users/aplitech/mnqrp/

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: d.nordquest@juno.com
Subject: [16558] Re: Cleaning boards
Message-ID: <19970404.093444.4311.1.d.nordquest@juno.com>

I've found that alcohol cuts the flux well, but seems to leave a whitish deposit on boards. I use trichloroethane to get that off. The trichlor is also good for degreasing boards before putting on an etch resist and for removing spots on clothes. I got mine from a hardware store.
Dave KE9ED

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [16562] Re: Cleaning boards
Message-ID: <33453A53.40FE@qsl.net>

Well I couldn't stand it anymore! The facts are known throughout the industry -- If you have the complete contaminate removal system which includes the deionized water wash; that's great. But here where I work (A major Electronics Industry Manufacturer), much study and input from experts concluded:

 Prefer to use RMA over RA flux (Rosin Mild Activated), In fact ALL RA flux was sent to schools for their projects. RESIN or Water-White are most inert. Most if not all home soldering flux should be left on the board! Any attempt

using less-than-commercial chemical cleaning usually results
in releasing contaminates contained within the residue thereby
spilling out in a thin film onto the board.

If you absolutely must remove flux, the prefered method is
by chipping away with a hobby knife believe it or not.

I only remove flux when I suspect a conductive dust bridge
has formed after years in the garage. But actually I have
never found a short!

A TEST: Solder two separate connections about 1/8 inch apart.
get a 25 or 50 volt powersupply to use as a voltage source.
You don't need a lot of current, Put a 1 Meg Ohm resistor in
series with the supply for safety!

Prepare a second board where you have cleaned off the soldered
connections. In a day or two small crystalline growths,
"Dendrites" will probably grow on the cleaned circuit. If
I'm not wrong, the untouched solder connection board will
not show any growths. See for yourselves!

I hope this helps! And its fun to test out!
-Ed Loranger

--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Richard Wilkerson <richqrp@cts.com>
Subject: [16563] Re: Cleaning boards
Message-ID: <33453C41.1C20@cts.com>

Sounds funny I know but I have been using Carburetor Cleaner in the
spray cans????????

--
Rich Wilkerson, WD6FDD, Santee, Ca.
 NorCal, ARCI, ScQRPions, E.C.R.A.

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997

From: gsurrency@juno.com (Gary L Surrency)
Subject: [16577] Re: Cleaning boards
Message-ID: <19970404.111233.10222.1.gsurrency@juno.com>

Here we go again! This thread nevers dies, it just comes back every 3-6 months!

Go to your local hardware, paint store, builder's supply, drug store, whatever. Get some plain old denatured alcohol (sometimes called Laquer Thinner). Scrub your PC boards with a toothbrush, and the denatured alcohol. No not the one you use on your teeth as Chuck says. :-)

A polyethylene squeeze bottle with a squirt tube is what I use. Use a small stream of clean alcohol from time to time as you clean the board, always spraying from the top of the board and rinsing the dirty alcohol and flux toward the bottom.

There will be a little bit of dry residue left behind sometimes. If so, and you want to get rid of it, use some Formula 409, Fantastik, or similar household cleaner and SPARINGLY spray it onto the foil side only. Scrub again with the toothbrush for a few moments. Rinse with clean water, de-ionized is best if you have access to it, but clean, soft water will do. If there are potentiometers or trimmer caps, etc. on the componet side, try to not get any cleaner or water in them, but if you do, it isn't the end of the world.

If the PC board has a lot of unused holes and "vias" on it, holding the board nearly vertical as you clean it will help prevent the alcohol, cleaner, and water from draining through the holes to the other side.

I always hold the PC board at a slight angle from vertical, with any components that shouldn't get water in them facing upward to prevent any excess flux residue and cleaner / water from draining into them. After you rinse the board, shake off the excess water. If you have a compressed air supply, use 20psi or less and blow the remaining water off of the board, starting from one side and working across the PC board to the other side. Also apply the compressed air to the component side, but be careful if there are any delicate components.

Allow the PC board to completely dry a few minutes before applying power to it. I usually set mine outside for a few minutes in the sun if the weather is dry, as it almost always is in Arizona. Lacking a dry climate, you could place the PC board in front of the refrigerator if you have one that blows warm air out the bottom. A small fan would also encourage accelerated drying.

The result is a sparkling clean PC board, free of all residues and contaminants.

BTW, when I worked at Harris Semiconductor, we were looking for a way to clean some burned on flux residue from old burn-in boards that had been through the burn-in ovens many hours. We wanted to modify them and re-use them for another device. After trying everything, including a mega-buck freon-vapor cleaning chamber, I found nothing worked better than Fantastik household cleaner and de-ionized water.

After soaking in the Fantastik, some scrubbing and the DI water rinse made them so clean everybody asked what I used. "Why, just the Fantastik cleaner that was sitting on the lab tables that we use to clean up after lab work" I replied. Everybody just shook their heads and grinned. ;-)

The Fantastik must be very slightly caustic, so use care and keep it off your fingers if you don't want sore fingers. I use Formula 409 now, and it seems to be a little gentler on your fingers. You gotta keep them fingers healthy so you can wind toroids, you know! ;-)

I have used Ersin 63/37 Multicore solder, and prefer it the most. But I haven't been able to get any lately, so I've been using the 62/36/2 % tin/lead/silver alloy R/S sells, pn. 64-013. It is very nice but a little pricey in such a small roll. Gotta check the catalogs for some more Ersin Multicore if they still carry it.

Don't fret about using a little cleaner and water on your PC boards. I've never had any problems. Just let them dry properly. If there are any devices you don't want to get wet, leave them off until you clean the boards and then install them. Then there will only be a few connections to clean with cotton swabs and denatured alcohol.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, OHR100 20m, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: randy_ott@juno.com (Charles R Ott)
Subject: [16596] Re: Cleaning boards
Message-ID: <19970404.170844.14510.0.randy_ott@juno.com>

On Fri, 04 Apr 1997 09:37:05 -0800 Richard Wilkerson <richqrp@cts.com>

writes:
>Sounds funny I know but I have been using Carburetor Cleaner in the
>spray cans????????
>
>--
>Rich Wilkerson, WD6FDD, Santee, Ca.
> NorCal, ARCI, ScQRPions, E.C.R.A.
>
>

Then what do you use to remove the melted polystyrene capacitors?

Charles R. Ott
K5HJ - QRP-L #1040

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16528] Re: CQC CONTEST
Message-ID: <199704040431.VAA29825@mailrelay2.sni.net>

Hi, OJ--

>>Have the contest results been posted anywhere?
K1OJ
<<

Yes, they were posted within about twenty minutes of the end of the contest. The master results file went to the Club's main server on HBC (Hale-Bopp Companion). Evidently the HBC has been having some capacity problems lately do to a sudden influx of new users, so it may be some time before the complete results percolated down through the net.

Personally I was very gratified to see that ALL of the cash prizes were actually won by CQC officers! Way to go, guys!

BTW, somebody told me today that Hale-Bopp Comet is an anagram for "HTML be poop, Ace!"

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Doug <doug@sunrise.alpinet.net>
Subject: [16523] Re: Dan's "Centennial" transciever
Message-ID: <33447C11.2A61@alpinet.net>

Hi John...just a word of caution. Dan's Small Parts or whatever else
he calls it has been unresponsive to the Hams right here in Montana...
let alone from out of state. We even sent a delegation to his last few
addresses in Missoula and found nothing. So...most of us here avoid
dealing with him.

I think I'd consider long and hard about this guy...he seems to never
stay in one place very long. It's a shame...as it would be really nice
to have a parts dealer right here, but after doing some research on
him....it's up to you. But, I think I'll pass.

Caveat Emptor

Doug, K7YD
Livingston, MT

N4JS wrote:
>
> Just an update. It has been 2 weeks since I faxed "Dan's Small Parts" and
> asked How big was the board, and how much for the CW option. I have still
> not received a reply. Anybody else had any luck? My checkbook is cooling
> off.....
>
> _ _ _ _ _ ___ John L. Sielke n4js@amsat.org n4js@pobox.com
> | \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
> | .` ||_ _|| || |__ \ http://www.pobox.com/~n4js
> |_|_| |_| __/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
> NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: JEVERHART@cayman.vf.mmc.com
Subject: [16575] Re: Dan's "Centennial"transciever
Message-ID: <970404132835.206539d7@cayman.vf.mmc.com>

Doug,

Sorry to hear that Dan's is not on your preferred supplier list. It is true
that he has come and gone several times for unexplained reasons, but my

dealings with him have always been more than satisfactory. He has been honest, everything has been as represented and his prices well within reason.

In fact, NJQRP has bought a number of items from him, and our success in finding the right parts and being able to provide Rainbow Tuner kits at a reasonable part are due, to some extent to Dan's.

His parts availability to homebrewers and QRPers was sadly missed when he did change locations. I'd hate for him to get a bad reputation becasue of qrp-l.

Usual disclaimers about just being a satisfied customer apply fully!

72/73,

Joe E., N2CX

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: rob3ert@juno.com (Robert G. Parks)
Subject: [16589] Re: Dan's Small Parts
Message-ID: <19970404.095840.8990.0.rob3ert@juno.com>

Gang,

My own experience with Dan's Small Parts has been excellent. Have ordered from him at least 8 to 10 times. Always have gotten my orders in a reasonable time and usually exactly what I've ordered (he will sometimes substitute an equivalent if he is out of something). One time, my order was short 3 ten-cent capacitors; I mentioned this to him and he sent me ten to replace the three that were short. He does sell and ship "surplus" material on many items, but, hey, the price is right!

He obviously runs a "close-to-the-vest" low-cost operation and gives good prices as a result.

Can't say what experience others have had, but I'm happy.

72/73

Bob Parks
K6AEC (Las Vegas)

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>

Subject: [16519] Re: FSFM - AL7FS on Saturday, April 5 - (long)
Message-ID: <33447543.4B49@alaska.net>

You are sure tough on me. I will be out at Dan's by about 1830Z, nlt
1900z. I will most likely be on 20 meters most of the daylight
hours...perhaps 6 hours or until I can dredge up 40 mtr signals. For
example, here at home tonight, I hear one weak signal at 0330Z on 40
mtr. Don't know what I will hear at KL7Y QTH.

Ranges, huh?

7.042-7.044
7.051-7.053
7.036-7.038

14.062-14.065
14.055-14.058

21.xxx same as 20 mtr
(I doubt 15 will open)

30 mtr (no antenna, yet but Dan was thinking of putting one up.)
10.118-10.122
If there is an antenna, I may use 30 mtr for filler til 40 opens.

Times? I still don't know. Just know that I am planning to be out
there up to 12 hours on one band or another. If I am going to drive 60
miles one way, I am going to try very hard.

Wilford D. Lindsey wrote:
>
> Jim:
>
> Can you at least *guess* at possible starting frequencies on 20 and 40?
> Your signal may take some digging out. It would be good to have at
> least a *range* of possible frequencies.
>
> I hope to be in there working you. Good luck, Jim!
>
> 72/73,
> --Doc/K0EVZ qrp-l 861 cqc 414 ak/qrp 139 mn-qrp 19 nj-qrp 69 norcal arrl

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Howard Z Weinstein" <Howard.Z.Weinstein@lmco.com>
Subject: [16571] Re: Mail to ki6ds (Doug)
Message-ID: <04B5B3345444BA3E*/c=us/admd=telemail/prmd=mmc/o=den/ou=ccmail/

s=Weinstein/g=Howard/i=Z/@MHS>

Jim
Please let Doug know that our prayers and wishes are with him and his family. May his father have a speedy recovery!
Howard K3HW for NJQRP

_____ Reply Separator _____
Subject: Mail to ki6ds (Doug)
Author: wager@juno.com at MAILHUB-SMTP
From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [16559] Re: micronaut
Message-ID: <Pine.3.07.9704041200.A11349-9100000@login>

G'day All,

Micronauts are available from Dave Ingram, K4TWJ 4941 scenic View Drive, Birmingham, AL. 35210.

73 DE K8IDN STEVE
QRP-L 331, ARCI 9059, NORCAL 1717, MIQRP, FISTS 2441, GQRP 8332, CQRP 1

On Fri, 4 Apr 1997, Marshall Emm wrote:

> Anybody have availability info for the micronauts?
> 73
> Marshall Emm
> AA0XI/VK5FN
> aa0xi@mtechnologies.com
> http://www.mtechnologies.com/mthome
>

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997

From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [16568] Re: micronaut - Thanks for Info!
Message-ID: <199704041758.KAA02261@lynx.csn.net>

Thanks (to all) for the micronaut info-- much appreciated!

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
http://www.mtechnologies.com/mthome

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Al Hunter <ahunter@inland.net>
Subject: [16543] Re: Need OHR DD-1 Freq Counter info
Message-ID: <3.0.1.32.19970404060232.006aff3c@inland.net>

Thanks to all who responded to the subject query. Your comments have been
very helpful.....and Chuck, tks for providing the measurements. Great
group!!!!

Al - AA6SO

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Richard Mulvey <mulveyr@frontiernet.net>
Subject: [16581] Re: Noise Bridge vs. SWR meter
Message-ID: <199704041955.OAA49636@node5.frontiernet.net>

>
> Hi gang,
>
> I am back with an observation and another source of wonderment.
>
> If I set my antenna coupler for minimum SWR (Drake MN75) I use a
> certain setting to effect this. If I use my antenna noise bridge
> set for X = 0 R = 50 ohms, I get a slightly different setting on
> the MN75. Could it be the output impedance of the xmitter is
> slightly different from 50 ohms? It leads me to wonder which
> tune-up procedure to use. I seem to trust the noise bridge
> setting as I get out like I am running 100 watts. If I can hear
> them, I can work them. Just curious. Us qrpers need to pursue
> all electrical phenomena and explore all possibilities because we
> refuse to make up for slop with power.

>
> de vic ad8k . .
>

Vic:

 There will always be a certain amount of variation in your measurements,
due to component tolerances, calibration accuracy, design flaws, etc.
Don't sweat any differences between the settings, unless you're seeing
grossly different measurements. Besides, as Walt Maxwell shows us
in _Reflections_, minor (even major, for that matter) variation in SWR
usually don't make a measurable difference on the receiving end, anyhow.

- Rich

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [16579] Re: QRP Plus wanted
Message-ID: <860175449.0514814.0@gqrpclub.demon.co.uk>

Thanks to the US guys who responded. I am trying initially to locate a set
in UK. Will see how things go.
Cheers.
---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web site: http://www.gqrpclub.demon.co.uk

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [16553] Re: Question, Coax switches
Message-ID: <3.0.32.19970404094700.006d21e8@okc.oklahoma.net>

At 01:39 PM 4/3/97 -0500, you wrote:
> Hello group,
>
> I wonder if it is safe to use regular coax switches to switch
>between rigs. Tired of pulling cables from one rig to the next
>as I run a net for Fists CW Club at 100 watts, then QRP the rest
>of the time.
> Any input will be appreciated. Thank you very much.

Hey Scott: I use a MFJ 989B (roller inductor) tuner to select between inverted vees, beam, and 80M horiz loop antennas. From tuner to a coaxial switch & out to 5 different rigs (wish the coax switch supported 10 rigs). This setup does not offer total isolation from rig to rig, as I can have one rig hooked to the antenna, & still hear attenuated signals on some other rigs (depends on individual rig as to how WELL it hears). In actual practice, this is not a drawback, & works like a dream.

I also carry this idea out one step further. I built up a "breakout" box for all my keying devices. I used one of Radio Shaft's large plastic project boxes (approx 3.5" X 6" X 2"high) to mount a 10 position 4 pole rotary switch, mounted vertically, Then mounted one of Radio Shacks RCA phono connectors with 8 RCA phono jacks on the front panel (this is what all my Ten Tec rigs use for key line, so I use same for homebrew rigs). Then I mounted 2ea 1/4" stereo phone jacks on one end (for paddles), and 2ea 1/4" phone jacks on opposite end (for the odd bug or hand key). Wire these all in parallel & using 4 conductor cable, bring the desired number of cables out the rear of the box & route to individual rigs.(up to the limit of your rotary switch, mine accommodates 10 rigs) With this setup I can key any rig with any keying device (2 computers, 2 devoted keyboards, 2 paddles, external keyer, handkey and bug on my setup) to any antenna. The keying devices require no switching whatever, just hit the one you wish to use. To key the rig of choice, I select it with the rotary switch, while antenna of choice is selected with the tuner, and fed to rig of choice with coax switch.

I like to play, as you can tell, and would not be without this ant, keying setup. Luck with yours. "72"
Dub
J. W. (Dub) Thornton
QRP-l # 159
ARCI #6982
NW QRP # 427
Minco, Okla. 73059

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [16598] Re: Re[2]: Dan's "Centennial" transciever
Message-ID: <3.0.16.19970404133504.1c3fcd70@mail.lightside.com>

I have bought a couple of hundred dollars of parts/Kits for Dan's. Never had any trouble. The have fixed my order when I botched it up.

72/73
Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,

dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Robijanto Soetedjo <robi@u.washington.edu>
Subject: [16590] Re: SPICE Files for IC's
Message-ID: <Pine.OSF.3.95.970404131549.133A-100000@saul7.u.washington.edu>

hi,

you can build a subcircuit for lm3914 using comparators, opamps and
resistors. the datasheet can be obtained from www.national.com.
i'm curious, can circuit maker do subcircuit? I made lm3915 model using
electronic workbench and it worked fine in my lightmeter circuit model.

robi@u.washington.edu

On Fri, 4 Apr 1997 ka7you@juno.com wrote:

> I'm working on a circuit using an LM 3914 linear IC bargraph driver. I
> would like to find a SPICE file for this IC. Does anyone have an idea
> where to look?
> My CircuitMaker software soes not support this chip.
> 7 3,
>
> Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
> NWQRP#120 ARCI#7251
> QRP-L#844
>
>

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [16504] RE: Static Puzzlement
Message-ID: <199704040043.SAA10662@mail.utexas.edu>

Does it do it with the antenna disconnected?
Does it do it when operating from a battery?

This may be a reach, but I remember reading in a QST, about
QRN from a neighbors' doorbell xfmr. They had removed the button on the
front door and twisted the wires together. Xfmr overheated and it's

internal overload-protect-contacts opened, with an arc. Xfmr cooled
down and the same thing would happen, over and over.

Thermostat on the fish-tank heater?
Left the electric blanket turned on?
Weeds growing up against the electric fence?

Gud luck,

YOU WROTE:

 I have noticed something with my HW-8, it's kind of
strange....hoping someone can sove this riddle?

 ONCE A MINUTE, particularly at night, I get about a
10 second hit of heavy static - it fades in, and then fades
out...(Usually when a person is sending their callsign
& QTH)

 I can't figure it out...I've even timed it - and the static
last between 7-10 seconds, and after fading out comes back
in again about 30-40 seconds later.

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice 512.471.1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [16572] Re: Suggestions for first kit?
Message-ID: <334544A6.7DE7@qsl.net>

While your waiting for the kit suggestion, why don't
you build the pixie2? You'll probably need a small
xcvr like this to help you align the kit anyway!

Being Direct conversion it puts out the xtal frequency
even without keying. Build two and give one to a fellow
ham.

One thing you'll wish you had is a frequency counter and
a scope that goes above 20 MHz. Also, check out the
simple swr/pwr mtr projects YOU can build from the
Ham Radio Operators book.. OK Handbook...

73 and welcome!
-Ed Loranger
--
72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
http://www.qsl.net/we6w

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: "Phil, K6LS" <k6ls@amsat.org>
Subject: [16573] Re: Suggestions for first kit?
Message-ID: <334536AE.1E67@amsat.org>

Boliver Allmon wrote:
>
> I am currently a No-Code, but have told myself that I will be a Tech+ (at least)
> by the fall. Can anyone recommend a first kit?

I will recomend the NorCal 40A. It is a very well designed rig, easy to
construct (Complete too!)and a very good performer. This is currently
being sold by Wilderness with a few improvements. My 40A was one of the
Club kits and my first QRP kit. There is one mod you may want to do as
you build your kit and that is to use a 10 turn 10k pot for finer
tuning.

My 40A is still performing. I have taken it on everywhere in my travels,
one of which was Hawaii where I snagged a 1000 mi/watt award (2317
mi/watt)
with 2 watts and a wire antenna off the back side of the condo in Kona.
Others have worked DXCC and WAS with them, I think you will enjoy this
fine rig for many years to come.

--
72 de Phil, K6LS

CM97QI, Merced County

k6ls@amsat.org
http://www.qsl.net/k6ls

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: n1pwu@juno.com (Robert K Berlyn)
Subject: [16539] Re: Toroid assortment source
Message-ID: <19970404.072946.7302.0.N1PWU@juno.com>

HB Electronics has an assortment of toroids, good prices and great
service.
On the Web www.businesson.com/HAMPARTS

E-Mail HB.Electronics@Businesson.com

Not the normal disclaimer, I own the company.
Bob
N1PWU QRP-L # 161 NE-QRP # 226
East Greenwich, RI
HTTP://www.businesson.com/HAMPARTS

From owner-qrp-l@lehigh.edu Fri Apr 4 18:04:18 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [16542] Re: Trippin' out...
Message-ID: <19970404134712.AAA4643@LOCALNAME>

Greetings, Eric. 1st, are you related to Mr Theodore Bikal of music fame?
Great lineage if so. 2nd, I'd be very interested in skeds. I'm building
a set of "Selectable Steerable Sterba Curtains" just for "DX Targets".
They'll be on 15, 17, & 20 m and will be steerable to some degree. The 15
and 17m are already built, 20m by this weekend. They'll be selected and
raised rather like flags on a flag-pole, with the far end able to swing
between two trees equipped with a pulley traveller.

I also have "Nested Half-Squares" for 15, 17, 30 & 40m. In fact, the half-
square may be a good option for you -from a roof-top. They are no
longer than a dipole and work many times better for DX. Interested
in trying a couple of ideas? 72 =s=

VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV

At 08:30 AM 4/4/97 +0000, you wrote:
>Hello,
> Im a musician and will be touring in England, Northern Ireland and Wales

>for about a month starting May 11. I plan to bring my MFJ 9020 and probably
>the Isotron antenna. Last time I made this trip, I had the time of my life
>operating from a different QTH practically every day or two. I recall only
>one hotel I just couldn't operate from. And, 90% of the time my antenna was
>on the roof.
.....
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA